

CLAIMS

1. A method of providing a mark on a power transmission belt having
a body with a length and exposed laterally spaced side surfaces, said method
comprising the step of:

providing a mark on at least one of the laterally spaced side surfaces by
forming the mark directly on the at least one laterally spaced side surface.

2. The method of providing a mark on a power transmission belt
according to claim 1 wherein the step of providing a mark on at least one of the
laterally spaced side surfaces comprises inscribing the mark on the at least one
of the laterally spaced side surfaces.

3. The method of providing a mark on a power transmission belt
according to claim 2 wherein the mark is inscribed to a depth of 0.1 to 1mm.

4. The method of providing a mark on a power transmission belt
according to claim 3 wherein the mark is inscribed with a laser beam.

5. The method of providing a mark on a power transmission belt
according to claim 4 wherein the mark is inscribed with the laser beam with an
angle of reflection that is adjusted using at least one scanning mirror.

2 6. The method of providing a mark on a power transmission belt
4 according to claim 4 wherein the body comprises an inside and an outside, and
6 the power transmission belt comprises a double V-ribbed belt comprising laterally
spaced ribs extending lengthwise of the body on the inside and outside of the
body, a cushion rubber layer, and at least one load carrying member in the
cushion rubber layer and extending lengthwise with respect to the body.

2 7. The method of providing a mark on a power transmission belt
4 according to claim 4 wherein the laser beam forms a depression in the at least one
of the laterally spaced side surfaces and further comprising the step of directing
a material into the depression, which material contrasts with the at least one of the
laterally spaced side surfaces.

2 8. The method of providing a mark on a power transmission belt
4 according to claim 3 wherein the laser beam forms a depression in the at least one
of the laterally spaced side surfaces and further comprising the step of directing
a material into the depression, which material contrasts with the at least one of the
laterally spaced side surfaces.

2 9. The method of providing a mark on a power transmission belt
according to claim 6 wherein the laser beam forms a depression in the at least one
of the laterally spaced side surfaces and further comprising the step of directing

4 a material into the depression, which material contrasts with the at least one of the
laterally spaced side surfaces.

2 10. The method of providing a mark on a power transmission belt
according to claim 4 wherein the mark is inscribed with a laser beam with the body
maintained in a stationary position.

2 11. The method of providing a mark on a power transmission belt
according to claim 6 wherein the mark is inscribed with a laser beam with the body
maintained in a stationary position.

2 12. The method of providing a mark on a power transmission belt
according to claim 4 wherein the power transmission belt comprises a V belt.

2 13. The method of providing a mark on a power transmission belt
according to claim 4 wherein the power transmission belt comprises a cog belt with
teeth spaced lengthwise of the body.

2 14. The method of providing a mark on a power transmission belt
according to claim 4 wherein the body comprises an inside and an outside and
there are flat surfaces on the inside and outside of the body.

2 15. The method of providing a mark on a power transmission belt
according to claim 12 wherein the laser beam forms a depression in the at least

4 one of the laterally spaced side surfaces and further comprising the step of
directing a material into the depression, which material contrasts with the at least
one of the laterally spaced side surfaces.

2 16. The method of providing a mark on a power transmission belt
according to claim 13 wherein the laser beam forms a depression in the at least
4 one of the laterally spaced side surfaces and further comprising the step of
directing a material into the depression, which material contrasts with the at least
one of the laterally spaced side surfaces.

2 17. The method of providing a mark on a power transmission belt
according to claim 14 wherein the laser beam forms a depression in the at least
4 one of the laterally spaced side surfaces and further comprising the step of
directing a material into the depression, which material contrasts with the at least
one of the laterally spaced side surfaces.

2 18. The method of providing a mark on a power transmission belt
according to claim 12 wherein the mark is inscribed with a laser beam with the
body maintained in a stationary position.

2 19. The method of providing a mark on a power transmission belt
according to claim 13 wherein the mark is inscribed with a laser beam with the
body maintained in a stationary position.

20. The method of providing a mark on a power transmission belt according to claim 14 wherein the mark is inscribed with a laser beam with the body maintained in a stationary position.

21. A power transmission belt comprising:
a body with a length and exposed laterally spaced side surfaces; and
a mark on at least one of the laterally spaced side surfaces directly on the at least one laterally spaced side surfaces without a separate layer applied to the at least one laterally spaced side surface to support the mark.

22. The power transmission belt according to claim 21 wherein the mark is inscribed on the at least one of the laterally spaced side surfaces.

23. The power transmission belt according to claim 22 wherein the mark is inscribed to a depth of 0.1 to 1mm.

24. The power transmission belt according to claim 23 wherein the mark is inscribed with a laser beam.

25. The power transmission belt according to claim 24 wherein the body comprises an inside and an outside and the power transmission belt comprises a double V-ribbed belt comprising laterally spaced ribs extending lengthwise of the body on the inside and outside of the body, a cushion rubber layer, and at least

one load carrying member in the cushion rubber layer and extending lengthwise with respect to the body.

26. The power transmission belt according to claim 24 wherein the laser beam forms a depression and further comprising a material in the depression, which material contrasts with the at least one of the laterally spaced side surfaces.

27. The power transmission belt according to claim 23 wherein the laser beam forms a depression and further comprising a material in the depression, which material contrasts with the at least one of the laterally spaced side surfaces.

28. The power transmission belt according to claim 25 wherein the laser beam forms a depression and further comprising a material in the depression, which material contrasts with the at least one of the laterally spaced side surfaces.

29. The power transmission belt according to claim 24 wherein the power transmission belt comprises a V belt.

30. The power transmission belt according to claim 24 wherein the power transmission belt comprises a cog belt with teeth spaced lengthwise of the body.

31. The power transmission belt according to claim 21 wherein the body comprises an inside and an outside and there are flat surfaces on the inside and outside of the body.

32. The power transmission belt according to claim 21 wherein the body defines at least one rib comprising cross-linked ethylene- α -olefin elastomer.

33. The power transmission belt according to claim 29 wherein the laser beam forms a depression and further comprising a material in the depression, which material contrasts with the at least one of the laterally spaced side surfaces.

34. The power transmission belt according to claim 30 wherein the laser beam forms a depression and further comprising a material in the depression, which material contrasts with the at least one of the laterally spaced side surfaces.

35. The power transmission belt according to claim 31 wherein the laser beam forms a depression and further comprising a material in the depression, which material contrasts with the at least one of the laterally spaced side surfaces.